

CLAIMS

1. A physiological monitor device having physiological detection means, signal transducer means, control and calculating means, display means, wherein said detection means includes an inflatable cuff means with pressure detection means to test for blood pressure and ECG electrode means to test for ECG, said electrodes being adapted to be secured at least to said cuff means.
2. The physiological monitor device according to claim 1, wherein the cuff means is adapted to be secured to the wrist of a user, with at least some of the electrodes coming into contact with the skin of the user when so secured.
3. The physiological monitor device according to claim 2, wherein the remainder of the electrodes are adapted to be either held by the user or attached to the user's body.
4. The physiological monitor device according to claim 1, wherein the device monitors blood pressure and ECG measurements simultaneously.
5. The physiological monitor device according to claim 1, wherein measured values are stored in the device and are displayed on an LCD display means.
6. The physiological monitor device according to claim 5, wherein a speaker output is used to produce audio tones when the user's heartbeat is detected or to generate warning sounds when measurement errors occur.
7. The physiological monitor device according to claim 6, wherein a communication connector is used for connection to a computer means for reading blood pressure data stored in the device.
8. The physiological monitor device according to claim 7, wherein a CPU unit controls peripherals of the device and performs calculations necessary for blood pressure determination, the peripherals including the speaker, LCD display, real time clock, memory and serial interface.
9. The physiological monitor device according to claim 8, wherein a pneumatic circuit is formed by the cuff means, an air pump, an exhaust valve and a pressure transducer.
10. The physiological monitor device according to claim 9, wherein the blood pressure monitor is operated such that when a start button 27 is depressed by the user.

11. A physiological monitor device being substantially as described with reference to the accompanying drawings.